

DEPARTMENT OF RESEARCH
SCIENCE AND TECHNOLOGY

SUB-REGIONAL POLICY DIALOGUE: IP POLICY AND
STRATEGIES

MOROCCO; CASSABLANCA

PRESENTATION LAY-OUT

- MANDATE OF DEPARTMENT
- POLICY DOCUMENTS
- KEY STAKEHOLDER(S)
- NATIONAL IP STRATEGY
 - FINDINGS OF STRATEGIC DOCUMENTS
 - CHALLENGES

DEPARTMENT MANDATE

- ESTABLISHMENT OF DEPARTMENT

- Ministry: 2002
- Department: 2004
 - Conducive policy and legislative environment for S&T
 - Motivate/Develop appropriate S&T policies

- POLICY AND LEGISLATION

- International Cooperation, Intellectual property, Forecasting and Planning

- COORDINATION AND DEVELOPMENT

- Monitoring and Evaluation, Science Technology Information, Data base Management

COMPANIES AND INTELLECTUAL PROPERTY AUTHORITY

- ACT OF PARLIAMENT- AUTONOMOUS
 - BOARD OF AUTHORITY
 - REGISTRAR GENERAL (CEO)
 - INDUSTRIAL PROPERTY OFFICE
 - COPYRIGHT ADMINISTRATOR

STRATEGIC DOCUMENTS

- NATIONAL SCIENCE AND TECHNOLOGY POLICY (2011)
- COMPANIES AND INTELLECTUAL PPROPERTY ACT (2011)
- BOTSWANA NATIONAL RESEARCH SCIENCE AND TECHNOLOGY PLAN (2005)
- ASSESSMENT OF THE INSTITUTIONAL IP POLICY LANDSCAPE (WIPO)
- INDIGENOUS KNOWLEDGE SYSTEMS POLICY (DRAFT)
- ASSESSMENT OF NATIONAL SYSTEM OF INNOVATION (ANIS REPORT 2010)
- NATIONAL INTELLECTUAL PROPERTY PLAN DRAFT (BOTSWANA)

ASSESSMENT OF NATIONAL SYSTEM OF INNOVATION (REPORT)

- **Macro Level: Innovation Policy Level**
- • **Meso Level: Institutional Innovation Support Level**
- • **Meso Level: Programmatic Innovation Support Level**
- • **Micro Level: Innovation Capacity Level**

CLASSIFICATION OF DETERMINANTS

- POLICY LEVEL
 - NATIONAL INNOVATION POLICY
 - REGIONAL INNOVATION POLICY
 - MASTER PLANS
 - TRAINING & EDUCATION
 - FORESIGHT R&D AGENDA
 - CLUSTER POLICY
 - INNOVATION FRIENDLY INNOVATION REGULATIONS

INSTITUTIONAL INNOVATION SUPPORT LEVEL

- TECHNOLOGY SUPPORT CENTRES
- TECHNOLOGY PARKS
- INCUBATIONS
- CLUSTERS
- BUSINESS PROMOTION AGENCIES
- INNOVATION SERVICE PROVIDERS
- FUNDING AGENCIES

PROGRAMMATIC INNOVATION SUPPORT LEVEL

- STI FUNDING SCHEMES
- FUNDAMENTAL R&D PROGRAMMES
- APPLIED R&D PROGRAMMES
- JOINT FUNDING SCHEMES
- ACCOMPANYING MEASURES TO SUPPORT STI
- ENTREPRENEURIAL SUPPORT
- CLUSTER DEVELOPMENT PROGRAMMES
- INTERNATIONALIZATION SUPPORT

INNOVATION CAPACITY LEVEL

- UNIVERSITIES
- INSTITUTIONS FOR FUNDAMENTAL R&D
- PRIVATE R&D INSTITUTIONS
- INNOVATORS
- ENTREPRENEURS
- SMEs
- LARGE COMPANIES

CHALLENGES

- Low levels appreciation of the economic potential of IP-based business activities – a challenge that appears to cut across diverse stakeholder groups.
- • Low levels of awareness and appreciation of the proprietary rights of IP generators/owners – a challenge that also appears to cut across diverse stakeholder groups.
- • Low level of FiR capacities to harness and leverage IP for development.
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- • Gaps in the governance framework manifested by absence of NIPDP, national IP policy, critical IP laws and regulations; the practice of arbitrary extension of patents,

BASIC CHALLENGES

- Absence of linkages between industry and universities or Tertiary Institutions
- Weakness in the overall coordination of science and technology initiatives including Intellectual Property
- Absence of appropriate intellectual property management systems in R&D institutions
- Lack of negotiation skills
- Disconnection amongst institutions Dealing with IP Matters

FOCUS OF INTERVENTIONS

- • Pillar 1: Bridge gaps in the governance framework
- • Pillar 2: Enhance capacities for financing IP generation and commercialization.
- • Pillar 3: Develop capacities to raise awareness, offer education and training and conduct research in relation to IP.
- • Pillar 4: Develop entrepreneurship capacities in selected areas
- • Pillar 5: Enhance institutional capacities.

INSTITUTIONAL CAPACITIES

- Build capacity in Universities and Public Research organizations- IP importance at level Executives in the institutions
- Provide guidance and framework structures for Executives to adapt and adopt (for instance ongoing WIPO project)
- Technology Innovation Support Centre (WIPO)

DEVELOP CAPACITIES TO RAISE AWARENESS

- CIPA ESTABLISHMENT OF SATELLITE OFFICES IN OTHER PARTS OF THE COUNTRY
- COMMEMORATION OF IP DAY CELEBRATIONS ACROSS THE COUNTRY
- ESTABLISHMENT OF FOCAL POINTS FOR IP MATTERS IN UNIVERSITIES AND PRO
- INTENSIFIED IP AWARENESS EDUCATION BY CIPA AND DRST
- TRAINING OF IP FOCAL POINTS (emergence of IP practitioners with science and technology background)

ACHIEVEMENTS

- ESTABLISHMENT OF COMPANIES AND INTELLECTUAL PROPERTY AUTHORITY AND ITS DESIGNATED AUTONOMY
- ESTABLISHMENT OF THE COLLECTION MANAGEMENT SOCIETY OF BOTSWANA (COSBOTS)
- CONCERTED EFFORTS EVIDENT BETWEEN DRST AND CIPA ON AWARENESS BUILDING IN IP
- ESTABLISHMENT OF A NATIONAL TECHNOLOGY TRANSFER OFFICE, BITRI, UB
- ESTABLISHMENT OF AN INNOVATION HUB
- THAWING OF COLLABORATIVE RELATION BETWEEN KEY STAKEHOLDERS IN THE IP SPACE IN BOTSWANA

END OF PRESENTATION

- THANK YOU ! THANK YOU! THANK YOU! THANK YOU

CONCLUSION
